

**To:** Denawa, Mai[Denawa.Mai@epa.gov]  
**Cc:** Odendahl, Steve[Odendahl.Steve@epa.gov]  
**From:** Dubey, Susmita  
**Sent:** Wed 11/2/2016 8:02:13 PM  
**Subject:** FW: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)  
Hot-spot outline for response brief epacomments.doc

## Ex. 5 - Attorney Client

Looking forward to working with you on this!

Susmita Dubey

Office of General Counsel

202-564-5577

**From:** Berry, Laura  
**Sent:** Monday, June 20, 2016 11:48 AM  
**To:** Russ, Timothy <Russ.Tim@epa.gov>; Dubey, Susmita <dubey.susmita@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>  
**Cc:** Jackson, Scott <Jackson.Scott@epa.gov>  
**Subject:** RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Hi Tim,

## Ex. 5 - Deliberative Process

Let me know if you have any questions.

*Laura Berry*

(734) 214-4858

[berry.laura@epa.gov](mailto:berry.laura@epa.gov)

**From:** Russ, Timothy

**Sent:** Thursday, June 16, 2016 2:38 PM

**To:** Dubey, Susmita <[dubey.susmita@epa.gov](mailto:dubey.susmita@epa.gov)>; Berry, Laura <[berry.laura@epa.gov](mailto:berry.laura@epa.gov)>; Patulski, Meg <[patulski.meg@epa.gov](mailto:patulski.meg@epa.gov)>

**Cc:** Jackson, Scott <[Jackson.Scott@epa.gov](mailto:Jackson.Scott@epa.gov)>

**Subject:** RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Hi Susmita,

Certainly, that's fine. I'll be telecommuting tomorrow and can see the response, or if there's questions – please call my office number and I'll get back to you.

Laura – got your voicemail and thanks!

Tim

Tim Russ  
Environmental Scientist  
USEPA Region 8  
Air Program  
1595 Wynkoop Street (8P-AR)  
Denver, CO 80202-1129  
Ph. (303) 312-6479  
Fax (303) 312-6064  
e-mail: [russ.tim@epa.gov](mailto:russ.tim@epa.gov)

**From:** Dubey, Susmita  
**Sent:** Thursday, June 16, 2016 12:23 PM  
**To:** Berry, Laura <[berry.laura@epa.gov](mailto:berry.laura@epa.gov)>; Patulski, Meg <[patulski.meg@epa.gov](mailto:patulski.meg@epa.gov)>  
**Cc:** Russ, Timothy <[Russ.Tim@epa.gov](mailto:Russ.Tim@epa.gov)>  
**Subject:** RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

## Ex. 5 - Deliberative Process

Susmita Dubey

Office of General Counsel

202-564-5577(phone)

202-564-5603 (fax)

**From:** Berry, Laura  
**Sent:** Thursday, June 16, 2016 2:19 PM  
**To:** Dubey, Susmita <[dubey.susmita@epa.gov](mailto:dubey.susmita@epa.gov)>; Patulski, Meg <[patulski.meg@epa.gov](mailto:patulski.meg@epa.gov)>  
**Cc:** Russ, Timothy <[Russ.Tim@epa.gov](mailto:Russ.Tim@epa.gov)>  
**Subject:** FW: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

## Ex. 5 - Attorney Client

*Laura Berry*

(734) 214-4858

[berry.laura@epa.gov](mailto:berry.laura@epa.gov)

**From:** Payton, Richard  
**Sent:** Monday, June 06, 2016 3:07 PM  
**To:** Russ, Timothy <[Russ.Tim@epa.gov](mailto:Russ.Tim@epa.gov)>; Jackson, Scott <[Jackson.Scott@epa.gov](mailto:Jackson.Scott@epa.gov)>; Berry, Laura <[berry.laura@epa.gov](mailto:berry.laura@epa.gov)>  
**Subject:** RE: Request for Review: DRAFT Email to CDOT/FHWA Advising of Potential Error with the I-70 East Project's PM10 Hot-spot Modeling (Background Concentration)

Looks spot on to me.

Richard

**From:** Russ, Timothy  
**Sent:** Monday, June 06, 2016 11:28 AM  
**To:** Jackson, Scott <[Jackson.Scott@epa.gov](mailto:Jackson.Scott@epa.gov)>; Payton, Richard <[Payton.Richard@epa.gov](mailto:Payton.Richard@epa.gov)>; Berry, Laura <[berry.laura@epa.gov](mailto:berry.laura@epa.gov)>

## **Ex. 5 - Deliberative Process**

Hi Scott, Richard, and Laura

## **Ex. 5 - Deliberative Process**

Thanks for your review/edits!

Tim

Tim Russ  
Environmental Scientist  
USEPA Region 8  
Air Program  
1595 Wynkoop Street (8P-AR)  
Denver, CO 80202-1129  
Ph. (303) 312-6479  
Fax (303) 312-6064  
e-mail: [russ.tim@epa.gov](mailto:russ.tim@epa.gov)

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DRAFT-DRAFT 6-6-16

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Hi Everyone,

## **Ex. 5 - Deliberative Process**

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EPA's November, 2015 PM Hot-spot modeling guidance ("Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM<sub>2.5</sub> and PM<sub>10</sub> Nonattainment and Maintenance Areas") notes the following in section 9.3.4 *24-hour PM<sub>10</sub> NAAQS*:

### Calculating Design Values and Determining Conformity

The 24-hour PM<sub>10</sub> design value is calculated at each receptor by directly adding the sixth-highest modeled 24-hour concentrations (if using five years of meteorological data) to the appropriate monitor value for the 24-hour background concentration from three years of monitoring data, based on Exhibit 9-6.<sup>153</sup> Exhibit 9-6: Monitor Value Used for Design Value Calculation

Number of Background Concentration Values from the Monitor	Monitor Value Used for Design Value Calculation
< 347	Highest Monitor Value
348 -695	Second Highest Value
696 -1042	Third Highest Value
1043 -1096	Fourth Highest Value

PM<sub>10</sub> data from the Commerce City monitoring site is provided in the table below:

#### **EPA/OTAQ Table of Data**

Year	N	Highest value	2 <sup>nd</sup> highest	3 <sup>rd</sup> highest	4 <sup>th</sup> highest
2013	357	144	97	93	89
2012	308	113	86	76	75
2011	351	82	65	64	61

“N” = the number of days of valid data recovery.

## **Ex. 5 - Deliberative Process**

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Please let me know if you have any questions.

Thanks!

Tim

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USEPA Region 8  
Air Program  
1595 Wynkoop Street (8P-AR)  
Denver, CO 80202-1129  
Ph. (303) 312-6479  
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